

REMARKS

I. STATUS OF CLAIMS

Claims 1-33 are pending herein.

II. REJECTION OF CLAIMS 1-33 UNDER 35 USC 112, FIRST PARAGRAPH

On page 2 of the Office Action, the Examiner asserts that "the specification fails to mention or teach the displayed information is viewable by the user (i.e., viewable by the illegal user), where the user has illegally accessed the apparatus or when conditions representing an illegal use of the apparatus by the user are established".

Page 5, lines 9-10, of the specification, disclose that the user faces a display 19 and operates a keyboard 18.

Moreover, page 5, lines 20-26, of the specification, discloses that the face of the user is photographed, and the image is recorded. Page 5, lines 26-31, discloses that "it can easily be determined whether or not the user is a right person who is authorized to gain access to the system (or whether or not the attempted use is illegal) by validating the face of the user *by displaying the recorded image on the display 19 of the PC system.*" (emphasis added).

Therefore, page 5, lines 9-10, of the specification, discloses that the user faces the display 19. Page 5, lines 29-31, discloses that the recorded image of the user is displayed on the display 19. Since the user faces display 19, it is clear that the image of the user displayed on display 19 would be viewable by the user.

Moreover, FIG. 5 and the corresponding disclosure on page 8, lines 9-15, relates to the display of the recorded image of the user on display 19. Page 8, lines 11-12, indicate that the recorded image display window shown in FIG. 5 appears "on the display of the PC systems." As would be understood by referring to FIG. 1, the "display" refers, for example, to display 19 in FIG. 1.

Further, as indicated, for example, on page 5, lines 33-37, "photographing the face of the user and recording the photographed image are timed to happen when ...an illegal password is entered See also page 6, lines 9-15; page 7, lines 31-33; page 8, lines 12-15; page 9, lines 24-32; and page 11, line 35, through page 12, line 6, of the specification.

From at least these portions of the specification, it is respectfully submitted that the

application provides support for the features noted by the Examiner.

Although the above comments are presented to address the rejection, please note that the claims are amended herein and now recite different language than that discussed by the Examiner in the rejection.

In view of the above, it is respectfully requested that the rejection be withdrawn.

III. REJECTION OF CLAIMS 1-330 FOR OBVIOUSNESS UNDER 35 U.S.C. §103(A)
OVER CLARK (US PATENT NO. 4,636,622) IN VIEW OF
URANO (US PATENT NO. 6,202,158)

The present invention as recited, for example, in claim 1 as amended herein, relates to an electronic apparatus having a display viewable by a user of the apparatus, comprising (a) a first memory, provided within said apparatus, storing therein a parameter representing at least conditions of an illegal use of said apparatus; (b) a second memory, provided within said apparatus, storing image information acquired by a photographing device which photographs a user of said apparatus; and (c) a control unit which stores, in said second memory, image information acquired by said photographing device which photographs the user when said conditions represented by said parameter read out from said first memory are established, and displays said stored image information on the display so that the displayed image information is viewable in order to identify an illegal user.

Therefore, according to the image information displayed on the display of the apparatus, it is possible to directly identify an illegal user using the apparatus.

Clark discloses a card user identification system having a computerized fingerprint matching system that identifies a user of a card. More specifically, in Clark, a user of a card, such as a credit card, must have his/her fingerprints taken at a fingerprint scanner when using the card. A camera takes a photograph of the user standing at the fingerprint scanner when the fingerprints of the user do not match a previously recorded fingerprint for a user of the card. See, for example, column 3, lines 18-54, of Clark.

However, Clark does not have a memory *within the apparatus* to store the acquired image information of the user using the apparatus, and a display of the apparatus on which to display the image information.

For example, in Clark, image information is NOT stored in a memory within the device in which the card is being used. Instead, in Clark, image information from the camera is transmitted to a remote location, such as to the central station 1, for storage. See, for example, column 3, lines 6-9; column 25-30; column 4, lines 34-37, of Clark.

Moreover, Clark does not display the image information on a display of the device in which the card is being used. Instead, in Clark, the image information is stored and viewed at a remote location.

Therefore, Clark relates to taking an image by a camera, and storing the image at a remote location for viewing at the remote location. Clark is significantly different than the present invention as recited, for example, in claim 1, where image information is stored in a memory *within the apparatus*, and the image information is displayed on a display of the apparatus so that the displayed image is viewable in order to identify an illegal user. Therefore, it is respectfully submitted that the general nature and use of the invention in Clark is significantly different than that recited, for example, in claim 1.

Urano detects illegal access of a computer, and notifies the illegal access to a managing computer. See, for example, column 4, lines 55-59, of Urano. However, Urano does not relate to taking a photograph of a user and displaying image information when illegal use occurs.

Although the above comments are directed to claim 1, it is respectfully submitted that the comments would be helpful in understanding various differences of various other claims over the cited references.

* * *

Claim 31 recites an apparatus comprising (a) a display which is viewable by a user of the apparatus; and (b) a controller acquiring an image of the user of the apparatus when it is determined that the user has illegally accessed the apparatus, storing the acquired image inside the apparatus, and displaying the stored image on the display so that the displayed image is viewable in order to identify an illegal user. See also claim 33, which recites somewhat similar features.

In accordance with the above comments, it is respectfully submitted that the cited references, taken individually or in combination, do not disclose or suggest these features.

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In view of the above, it is respectfully submitted that the rejection is overcome.

IV. CONCLUSION

In view of the above, it is respectfully submitted that the application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

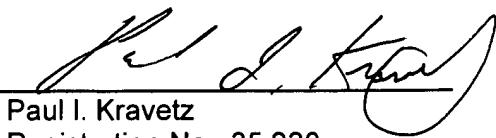
If there are any additional fees associated with filing of this response, please charge the fees to our Deposit Account No. 19-3935.

Respectfully submitted,

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